REMARKS

In an interview conducted March 22, 2006 between examiner Koslow and applicant's attorney Thomas it was agreed that, for the convenience of the examiner, applicant would submit copies of the calculations used to determine the relative amounts of the various components in the claimed compositions. Those calculations, showing how the relative amounts of the various components may be calculated from the relative amounts of the precursor materials, are provided herewith.

To further summarize the interview, the only substantive matter discussed was whether the pending amendment limiting the claims to compositions that have been shown by the examples of the application to have desirable properties satisfies the §112 rejections of record in the case. It is believed that agreement was reached that the amended claims appear to be allowable.

In addition, it was agreed that the examiner will add, by examiner's amendment, a period at the end of each claim as shown above.

Favorable reconsideration of the amended application is respectfully requested.

Respectfully submitted,

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Example 1

a	b	c = b/sum b	d from table	e = d*a	f	g	h = e/(e+f+g)	i = c*h	j =i/sum i	k = j/d	l = k/sum k	m	n = 2*k
	Wgt	Fraction	Metal wgt	Metal wgt per molecule	Oxygen wgt per molecule	Carbon wgt per molecule	Metal per molecule	Metal wgt	Fraction	Atomic fraction	Normalized atomic Fraction	Species	Formula
PbO	870.9 ✓	0.649	207.2	207.2	15.9994		0.9283	0.60267	0.7197	0.0035	0.45705	Pb	0.91 ✓
ZrO2	95.7 ✓	0.093	91.224	91.224	31.9988		0.7403	0.06858	0.0818	0.0009	0.11809	Zr	0.24 ✓
TiO2	95.1 ✓	0.093	47.87	47.87	31.9988		0.5984	0.05566	0.0665	0.0014	0.18342	Ti	0.37 ✓
Nb2O5	121 ✓	0.117	92.90638	185.81276	79.987		0.8990	0.08188	0.0977	0.0011	0.13843	Nb	0.28 ✓
MgO	18.23 ✓	0.018	24.305	24.305	15.9994		0.6030	0.01064	0.0127	0.0005	0.06878	Mg	0.14 ✓
SrCO3	28.14 ✓	0.027	87.62	87.62	47.9982	12.011	0.5835	0.01617	0.0193	0.0002	0.02898	Sr	0.06 ✓
MnO2	3 ✓	0.003	54.93805	54.93805	31.9988		0.6319	0.00184	0.0022	0.0000	0.00525	Mn	0.01 ✓
													0.00
													0.00
													0.00
Total	1033.07	1.00000						0.83763	1.0000	0.0076	1.00000	O	2.00

Example 2

a	b	c = b/sum b	d from table	e = d*a	f	g	h = e/(e+f+g)	i = c*h	j =i/sum i	k = j/d	l = k/sum k	m	n = 2*k
	Wgt	Fraction	Metal wgt	Metal wgt per molecule	Oxygen wgt per molecule	Carbon wgt per molecule	Metal per molecule	Metal wgt	Fraction	Atomic fraction	Normalized atomic Fraction	Species	Formula
PbO	686.7 ✓	0.6672	207.2	207.2	15.9994		0.9283	0.61940	0.7348	0.0035	0.46963	Pb	0.94 ✓
ZrO2	96.9 ✓	0.0942	91.224	91.224	31.9988		0.7403	0.06970	0.0827	0.0009	0.12004	Zr	0.24 ✓
TiO2	94.1 ✓	0.0914	47.67	47.67	31.9988		0.5984	0.05471	0.0649	0.0014	0.18030	Ti	0.36 ✓
Nb2O5	104.2 ✓	0.1012	92.90638	185.81276	79.997		0.6990	0.07077	0.0840	0.0009	0.11968	Nb	0.24 ✓
MgO	18.2 ✓	0.0177	24.305	24.305	15.9994		0.6030	0.01066	0.0127	0.0005	0.06893	Mg	0.14 ✓
SrCO3	14 ✓	0.0136	87.62	87.62	47.9982	12.011	0.5935	0.00807	0.0096	0.0001	0.01448	Sr	0.03 ✓
MnO2	10 ✓	0.0097	54.93805	54.93805	31.9988		0.6319	0.00614	0.0073	0.0001	0.01756	Mn	0.04 ✓
Ni2O3	5.09 ✓	0.00494564	58.6934	117.3868	47.9982		0.709779	0.00351	0.0042	0.0001	0.00939583	Ni	0.02 ✓
													0.00
													0.00
Total	1029.19	1.00000						0.84297	1.0000	0.0076	1.00000	O	2.00

Example 3

a	b	c = b/sum b	d from table	e = d*a	f	g	h = e/(e+f+g)	i = c*h	j =i/sum i	k = j/d	l = k/sum k	m	n = 2*k
	Wgt	Fraction	Metal wgt	Metal wgt per molecule	Oxygen wgt per molecule	Carbon wgt per molecule	Metal per molecule	Metal wgt	Fraction	Atomic fraction	Normalized atomic Fraction	Species	Formula
PbO	653.9 ✓	0.6384	207.2	207.2	15.9994		0.9283	0.59268	0.7110	0.0034	0.44507	**Pb**	**0.89** ✓
ZrO2	98.3 ✓	0.0960	91.224	91.224	31.9988		0.7403	0.07105	0.0852	0.0009	0.12119	**Zr**	**0.24** ✓
TiO2	95.4 ✓	0.0931	47.67	47.67	31.9988		0.5984	0.05573	0.0669	0.0014	0.18191	**Ti**	**0.36** ✓
Nb2O5	105.7 ✓	0.1032	92.90638	185.8128	79.997		0.6990	0.07214	0.0865	0.0009	0.12082	**Nb**	**0.24** ✓
MgO	18.4 ✓	0.0180	24.305	24.305	15.9994		0.6030	0.01083	0.0130	0.0005	0.06935	**Mg**	**0.14** ✓
SrCO3	42.5 ✓	0.0415	87.62	87.62	47.9982	12.011	0.5935	0.02463	0.0295	0.0003	0.04373	**Sr**	**0.09** ✓
MnO2	5 ✓	0.0049	54.93805	54.93805	31.9988		0.6319	0.00308	0.0037	0.0001	0.00874	**Mn**	**0.02** ✓
Ni2O3	5 ✓	0.004882	58.6934	117.3868	47.9982		0.709779	0.00347	0.0042	0.0001	0.009185633	Ni	**0.02** ✓
													0.00
													0.00
Total	1024.2	1.00000						0.83363	1.0000	0.0077	1.00000	O	2.00

Example 4

a	b	c = b/sum b	d from table	e = d*a	f	g	h = e/(e+f+g)	i = c*h	j =i/sum i	k = j/d	l = k/sum k	m	n = 2*k
	Wgt	Fraction	Metal wgt	Metal wgt per molecule	Oxygen wgt per molecule	Carbon wgt per molecule	Metal per molecule	Metal wgt	Fraction	Atomic fraction	Normalized atomic Fraction	Species	Formula
PbO	644.9 ✓	0.6296	207.2	207.2	15.9994		0.9283	0.58447	0.6972	0.0034	0.44365	**Pb**	**0.89** ✓
ZrO2	96.9 ✓	0.0946	91.224	91.224	31.9988		0.7403	0.07003	0.0835	0.0009	0.12075	**Zr**	**0.24** ✓
TiO2	94.1 ✓	0.0919	47.67	47.67	31.9988		0.5984	0.05497	0.0656	0.0014	0.18136	**Ti**	**0.36** ✓
Nb2O5	104.2 ✓	0.1017	92.90638	185.8128	79.997		0.6990	0.07111	0.0848	0.0009	0.12039	**Nb**	**0.24** ✓
MgO	18.2 ✓	0.0178	24.305	24.305	15.9994		0.6030	0.01071	0.0128	0.0005	0.06934	**Mg**	**0.14** ✓
SrCO3		0.0000	87.62	87.62	47.9982	12.011	0.5935	0.00000	0.0000	0.0000	0.00000	**Sr**	**0.00**
MnO2	5 ✓	0.0049	54.93805	54.93805	31.9988		0.6319	0.00308	0.0037	0.0001	0.00883	**Mn**	**0.02** ✓
Ni2O3	5 ✓	0.004881	58.6934	117.3868	47.9982		0.709779	0.00346	0.0041	0.0001	0.00928431	Ni	**0.02** ✓
BaCO3	56 ✓	0.054671	137.327	137.327	47.9982		0.741006	0.04051	0.0483	0.0004	0.046398005	Ba	**0.09** ✓
													0.00
Total	1024.3	1.00000						0.83836	1.0000	0.0076	1.00000	O	2.00

Example 5

a	b	c = b/sum b	d from table	e = d*a	f	g	h = e/(e+f+g)	i = c*h	j =i/sum i	k = j/d	l = k/sum k	m	n = 2*k
	Wgt	Fraction	Metal wgt	Metal wgt per molecule	Oxygen wgt per molecule	Carbon wgt per molecule	Metal per molecule	Metal wgt	Fraction	Atomic fraction	Normalized atomic Fraction	Species	Formula
PbO	663 ✓	0.6344	207.2	207.2	15.9994		0.9283	0.58893	0.7069	0.0034	0.43958	Pb	0.88 ✓
ZrO2	92.2 ✓	0.0882	91.224	91.224	31.9988		0.7403	0.06531	0.0784	0.0009	0.11073	Zr	0.22 ✓
TiO2	99.1 ✓	0.0948	47.67	47.67	31.9988		0.5984	0.05674	0.0681	0.0014	0.18408	Ti	0.37 ✓
Nb2O5	121.5 ✓	0.1163	92.90638	185.8128	79.997		0.6990	0.08127	0.0976	0.0011	0.13529	Nb	0.27 ✓
MgO	18.42 ✓	0.0176	24.305	24.305	15.9994		0.6030	0.01063	0.0128	0.0005	0.06763	Mg	0.14 ✓
SrCO3	35.35 ✓	0.0338	87.62	87.62	47.9982	12.011	0.5935	0.02008	0.0241	0.0003	0.03544	Sr	0.07 ✓
MnO2	5.5 ✓	0.0053	54.93805	54.93805	31.9988		0.6319	0.00333	0.0040	0.0001	0.00936	Mn	0.02 ✓
Ni2O3	10 ✓	0.0096	58.6934	117.3868	47.9982		0.7098	0.00679	0.0082	0.0001	0.017895846	Ni	0.04 ✓
BaCO3	0	0.0000	137.327	137.327	47.9982		0.7410	0.00000	0.0000	0.0000	0	Ba	0.00
													0.00
Total	1045.07	1.0000						0.83308	1.0000	0.0078	1.00000	O	2.00